DECLARATION OF PERFORMANCE

Nr. 144-FF-2024-04-30

1. **Unique identification code of the product-type:** Polyisocyanurate board (PIR) FF-PIR SAUNA.

2. **Allowing identification of the construction product:** See product label.

3. **Intended uses of the construction product:** Products are used as thermal insulation.

4. **Name, registered trade name and contact address of the manufacturer:**

Finnfoam Oy (0689386-6)
Satamakatu 5,
24100 Salo, Finland
Tel. +358 2 777 300
Fax. +358 2 777 3020
Email: finnfoam@finnfoam.fi

6. **System of attestation of conformity:** AVCP 3.

7. **Declaration of performance concerning a construction product covered by a harmonized standard: Eurofins Expert Services (NB. 0809) and Institute of thermal insulation of Vilnius Gediminas Technical University (NB. 1688) performed initial type testing under system 3 and issued test/calculation reports.**

8. **Declared performance:**

ESSENTIAL CHARACTERISTICS	PERFORMANCE		HARMONISED TECHNICAL SPECIFICATION
Reaction to fire	Euroclass	E	EN 13165:2012 + A2:2016
	Foam fireclass	D-s2, d0	

FF-PIR

Water permeability	Long term water absorption by total immersion	NPD
	Flatness after one-sided wetting	FW2
Release of dangerous substances to the indoor environment	Release of dangerous substances	No harmonised test method available
Acoustic absorption index	Sound absorption	NPD
Direct airborne sound insulation index	Sound absorption	NPD
Continuous glowing combustion	Continuous glowing combustion	No harmonised test method available
Thermal resistance	Thermal conductivity	λ_D = 0,022
	Thickness tolerance	T2
	Thickness (mm)	Thermal resistance (m^2K/W)
	30	1,35
Water vapour permeability	Water vapour transmission	NPD
Compressive strength	Compressive strength	CS(10\Y)100
Tensile/flexural strength	Tensile strength perpendicular to faces	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability of reaction to fire of the product as placed on the market against ageing/degradation	No change in Reaction to fire properties for rigid polyurethane foam products
Durability of thermal resistance against heat, weathering, ageing/degradation	Dimensional stability under specified temperature and humidity conditions	DS(70,90)4
		DS(-20,-)2
	Deformation under specified compressive load and temperature conditions	NPD
Durability of compressive strength against ageing/ degradation	Compressive creep	NPD

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.
   This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Safety data sheet: www.finnfoam.fi/kayttoturvallisuustiedote

Signed for and on behalf of the manufacturer by:

Henri Nieminen, CEO

Salo 30.4.2024



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(signature)